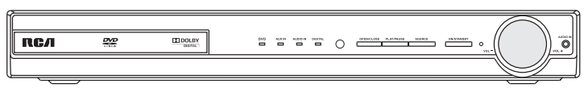
RCA

USER MANUAL

RTD3133



It's important to read this instruction prior to using your new product for the first time.

FCC Information

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications.

However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

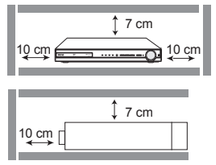
- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio / TV technician for help.

WARNING: Changes or modifications to this unit not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

This Home Theater has earned the ENERGY STAR.

Ventilation

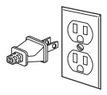
You must adequately ventilate the product. Make sure there is adequate space around the unit to provide proper air flow for ventilation. See diagram.



This product complies with DHHS Rules 21 CFR Subchapter J. Applicable at the date of manufacture.

For your safety

The AC power plug is polarized (one blade is wider than the other) and only fits into AC power outlets one way. If the plug won't go into the outlet completely, turn the plug over and try to insert it the other way.



If it still won't fit, contact a qualified electrician to change the outlet, or use a different one. Do not attempt to bypass this safety feature.

Removing the power plug is the only way to completely remove power from your product. Make sure the power plug remains easily accessible.

Note

This DVD player is designed and manufactured to respond to the Region Management Information. If the Region number of a DVD disc does not correspond to the Region number of this DVD player, this player cannot play the disc. The Region number for this DVD player is Region 1.

Important Information



THE LIGHTNING FLASH AND ARROWHEAD WITHIN THE TRIANGLE IS A WARNING SIGN ALERTING YOU OF "DANGEROUS VOLTAGE" INSIDE THE PRODUCT.

THE EXCLAMATION POINT WITHIN THE TRIANGLE IS A WARNING SIGN ALERTING YOU OF IMPORTANT INSTRUCTIONS ACCOMPANYING THE PRODUCT.

CAUTION: TO REDUCE THE RISK OF ELECTRIC SHOCK, DO NOT REMOVE COVER (OR BACK). NO USERSERVICEABLE PARTS INSIDE. REFER SERVICING TO QUALIFIED SERVICE PERSONNEL.

WARNING
To reduce the risk of fire or electric shock, do not expose this product to rain or moisture. The apparatus shall not be exposed to dripping or splashing and that no objects filled with liquids, such as vases, should be placed on the apparatus.

WARNING: TO PREVENT FIRE OR ELECTRICAL SHOCK HAZARD, DO NOT EXPOSE THIS PRODUCT TO RAIN OR MOISTURE.

CAUTION: USE OF CONTROLS OR ADJUSTMENTS OR PERFORMANCE OF PROCEDURES OTHER THAN THOSE SPECIFIED MAY RESULT IN HAZARDOUS RADIATION EXPOSURE.

CAUTION: DANGER OF EXPLOSION IF BATTERY IS INCORRECTLY REPLACED. REPLACE ONLY WITH THE SAME OR EQUIVALENT TYPE.

WARNING: MAINS PLUG IS USED AS DISCONNECT DEVICE AND IT SHOULD REMAIN READILY OPERABLE DURING INTENDED USE. IN ORDER TO DISCONNECT THE APPARATUS FROM MAINS COMPLETELY, THE MAINS PLUG SHOULD BE DISCONNECTED FROM THE MAINS SOCKET OUTLET COMPLETELY.

Service information

This product should be serviced only by those specially trained in appropriate servicing techniques.

Main plug is used as the disconnect device, it shall remain operable and should not be obstructed during intended use. To be completely disconnected the apparatus from supply mains, the main plug of the apparatus shall be disconnected from the mains socket outlet completely.

Caution

Invisible laser radiation when open and interlocks defeated. Avoid exposure to beam. Class 1 laser product.

This system must be opened only by qualified technicians to prevent accidents caused by the laser beam.

DVD copy protection

In accordance with the DVD standard, your DVD player is equipped with a Copy Protection system, which can be switched on and off by the DVD disc itself, in order to make any recording of the relevant DVD disc onto a videotape of very poor picture quality, or even impossible. This product incorporates copyright protection technology that is protected by method claims of certain U.S. patents and other intellectual property rights owned by Macrovision Corporation and other rights owners. Use of this copyright protection technology must be authorized by Macrovision Corporation, and is intended for home use only unless otherwise authorized by Macrovision Corporation Reverse engineering or disassembly is prohibited.

Important Information

Important battery information

- Do not mix different types of batteries or new and old batteries. Do not use rechargeable batteries.
- In order to avoid any risk of explosion, observe the polarities indicated inside the battery compartment. Replace only with the type of batteries specified. Do not dispose of them in a fire or recharge them.
- If you are not using the remote control for a long period of time, remove the batteries.

Please respect the environment and prevailing regulations. Before you dispose of batteries or accumulators, ask your dealer whether they are subject to special recycling and if they will accept them for disposal.



Illustrations contained in this document are for representation only.

CAUTION:
This product utilizes a laser. Use of controls or adjustments or performance of procedures other than those specified may result in hazardous radiation exposure. Do not open covers and do not repair yourself. Refer servicing to qualified persionnel.
Visible and invisible laser radiation when open and interlocks defeated.
DO NOT STARE INTO BEAM.



This class B digital apparatus complies with Canadian ICES-003.
Cet appareil numérique de la classe B est conforme à la norme NMB-003 du Canada.

Important Safety Instructions

Please read and save for future reference.
Some of the following information may not apply to your particular product; however, as with any electronic product, precautions should be observed during handling and use.

- Read these instructions.
- Keep these instructions.
- Heed all warnings.
- Follow all instructions.
- Do not use this apparatus near water.
- Clean only with a dry cloth.
- Do not block any ventilation openings. Install in accordance with the manufacturer's instructions.
- Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus (Including amplifiers) that produce heat.
- Do not defeat the safety purpose of the polarized or grounding-type plug. A polarized plug has two blades with one wider than the other. A grounding type plug has two blades and a third grounding prong. The wide blade or the third prong is provided for your safety. If the provided plug does not fit into your wall outlet, consult an electrician for replacement of the obsolete outlet.
- Protect the power cord from being walked on or pinched particularly at plugs, convenience receptacles, and the point where they exit from the apparatus.
- Only use attachments / accessories specified by the manufacturer.
- Use only with a cart, stand, tripod, bracket, or table specified by the manufacturer, or sold with the apparatus. When a cart is used, use caution when moving the cart / apparatus combination to avoid injury from tip-over.



Portable Cart Warning

- Unplug this apparatus during lightning storms or when unused for long periods of time.
- Refer all servicing to qualified service personnel. Servicing is required when the apparatus has been damaged in any way, such as the power cord or plug is damaged, liquid has been spilled or objects have fallen into the apparatus, the apparatus has been exposed to rain or moisture, does not operate normally, or has been dropped.

Important Safety Instructions

Additional safety information

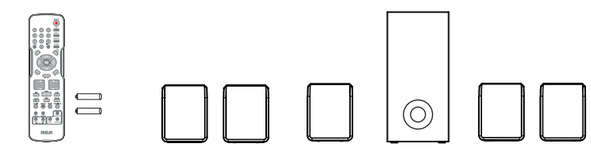
- Apparatus shall not be exposed to dripping or splashing and no objects filled with liquids, such as vases, shall be placed on the apparatus.
- Always leave sufficient space around the product for ventilation. Do not place product in or on a bed, rug, in a bookcase or cabinet that may prevent air flow through vent openings.
- Do not place lighted candles, cigarettes, cigars, etc. on the product.
- Connect power cord only to AC power source as marked on the product.
- Care should be taken so that objects do not fall into the product.
- Do not attempt to disassemble the cabinet. This product does not contain customer serviceable components.

If your product operates on batteries, adhere to the following precautions:

A. Any battery may leak electrolyte if mixed with a different battery type, if inserted incorrectly, or if all batteries are not replaced at the same time.
B. Any battery may leak electrolyte or explode if disposed of in fire or an attempt is made to charge a battery not intended to be recharged.
C. Discard leaky batteries immediately. Leaking batteries can cause skin burns or other personal injury. When discarding batteries, be sure to dispose of them in the proper manner, according to your state/provincial and local regulations.
D. Battery shall not be exposed to excessive heat such as sunshine, fire or the like.

Connections and Setup

Accessories provided



Remote control and 2 AAA batteries

Left and right front speakers

Center speaker

Subwoofer

Left and right Surround Speakers

Composite Video Cable

Things to consider before you connect

- Ensure that the mains supply in your house complies with that indicated on the identification sticker located on the back of your unit.
- Install your unit horizontally, away from any source of heat (fireplace) or appliances creating strong magnetic or electric fields. The components of this unit are sensitive to heat. The maximum ambient temperature should not exceed 35°C / 95°F.
- Leave enough space around the unit to allow adequate ventilation: 10 cm/4 inches on either side and above the top, and 5 cm/2 inches at the rear.
- The humidity of the room should not exceed 75%.
- If you have to use the unit outdoors, do not expose it to rain or splashing water. The apparatus should not be exposed to dripping or splashing and no objects filled with liquids, such as vases, should be placed on the apparatus.
- Moving the unit from a cold place to a warm one can cause condensation on some components inside the unit. Let the condensation disappear on its own before turning the unit on again.
- Before moving the unit, make sure the disc tray is empty.

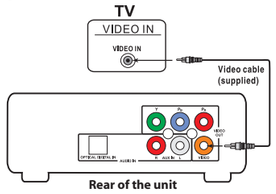
Connections and Setup

- Where the mains plug or an appliance coupler is used as a disconnect device, the disconnect device shall remain readily operable.
- Other important use and cleaning information at the end of the booklet.

Connecting to your TV (VIDEO)

Method 1
Composite video jack (yellow)

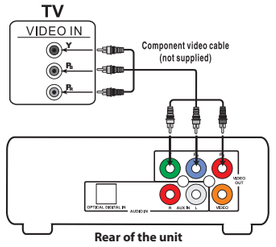
- The basic video jack is color-coded yellow.
- Video cable (yellow) is supplied for the connection for good picture quality.
- Connect the video OUT jack on the receiver to the Video IN jack on your TV so the video content goes from the receiver to the screen.



- If your television is a high definition television, use the unit's progressive scan output to get the highest possible video resolution. Set the Progressive Scan option in the Video menu to On.
- If one of the devices is not working, check that all the cables have been inserted properly into the jacks.
- Connecting mono components to your receiver: If your component has only one output for audio (mono), connect it to the white audio jack on the receiver and don't use the cable's red plugs.

Method 2
Component video jacks (Pr, Pb, Y)

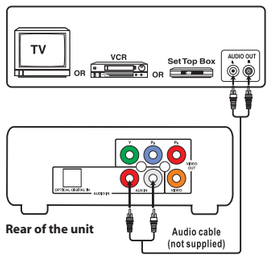
- The component video jacks are color-coded green, blue and red.
- Additional component video cables (not supplied) are required to provide best picture quality. They are usually color-coded green, blue and red.
- Connect the component video OUT jacks on the receiver to the component video IN jacks on your TV so the video content goes from the receiver to the screen.



Getting sound from external sources such as TV

Using AUX IN (ANALOG R/L) jacks

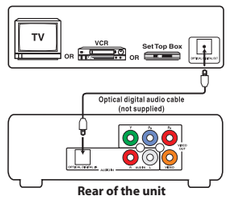
1. Connect the AUX IN (ANALOG R/L) jacks on the back of the unit to the AUDIO OUT jacks on VCR, TV, Set Top Box or other component.
2. Press the AUX IN button on the remote control to activate the sound from the external source.
3. Press the SURROUND button on the remote control to select the sound mode (5.1 Channel <5.1ch> or Stereo mode) - the receiver will display your selection on your TV screen.



Connections and Setup

Using OPTICAL DIGITAL IN jack

1. Connect the OPTICAL DIGITAL IN jack on the back of the unit to the OPTICAL DIGITAL OUT jack on VCR, TV, Set Top Box or other component.
2. Press the DIGITAL button on the remote control to activate the sound from the external source.
3. Press the SURROUND button on the remote control to select the sound mode.



Using AUDIO IN jack

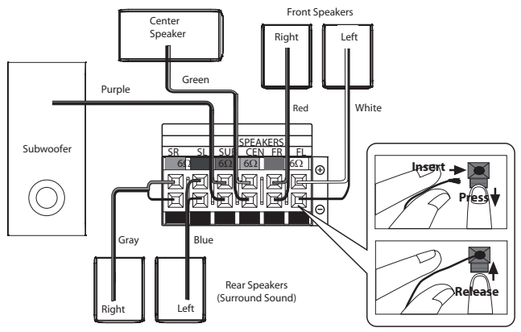
1. Connect the Ø3.5mm AUDIO IN jack on the front panel of the unit to the headphone output on mp3 players.
2. Press either SOURCE on the main unit or AUDIO IN on the remote control to select AUDIO IN mode.
3. Press the SURROUND button on the remote control to select the sound mode.

Note
Ø3.5mm to Ø3.5mm audio cables (not included).

- Suggest using Ø3.5mm AUDIO IN jack for MP3 player and AUX IN jacks for equipment such as TV, VCR, Satellite or Cable Box.
- If the AUX IN (or AUDIO IN) audio signal is mono, you may not receive audio on all speakers.

Connecting the speakers

Speaker wires are color-coded to match the terminals. Connect the speaker wire from the back of each speaker to the corresponding color terminal at the back of the unit. Press down the tab to open the terminal and insert the wire. Release the tab to lock wire in the terminal.

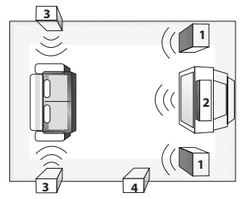


To adjust each speaker volume level for optimum listening experience.
(1) Press the LEVEL button on the remote control to select Left (front Left speaker).
(2) Press the VOL+/VOL- buttons to adjust the value up or down (between -10dB and +10dB).
(3) Repeat step (1) and (2) for the other speakers Right, Center, Left Surr., Right Surr., Subwoofer and Loudness (on/off).
Speaker gains may be set to levels of up to +10dB, actual max levels may also depend on your Volume Setting.

Connections and Setup

Note: When connecting the speakers, make sure the polarities ("+" speaker wire to "+" on the receiver. For example, red wire to red terminal on the receiver) of speaker wires and terminals match. If the cords are reversed, the sound will be distorted. Do not let the speaker wires touch each other, it will damage the Home Theater's amplifier.

Positioning speakers



Courtesy Dolby Laboratories

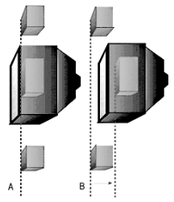
1. Left, Right (Front Speakers)
 Front speakers carry primarily music and sound effects.
2. Center
 In surround mode, the center speaker carries most of the dialog as well as music and effects.
 It should be set between the left and right peakers.
3. Surround (Rear Speakers)
 The surround speakers' overall sound balance should be as close as possible to the front peakers. Proper placement is vital to establish an evenly distributed sound field.
4. Subwoofer
 A subwoofer is designed to reproduce powerful low bass effects (explosions, the rumble of spaceships, etc.).

Note: Center speaker provided with this unit is magnetically shielded to protect your TV set. It is not recommended to place the front speakers, surround speakers and subwoofer near the TV set.

Front speaker placement

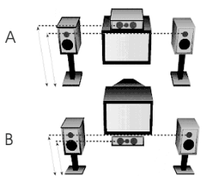
For best results, follow the speaker placement below.

Alignment
Align the center speaker evenly with (A) or slightly behind (B) (the left and right speakers), but not ahead of them.



Angle
Place the left and right speakers to form a 45-degree angle with your favorite viewing position to duplicate the soundtrack mixer's perspective.

Height
The three front speakers should be as close as possible to the same height. This often requires placing the center speaker directly on top (A) or beneath (B) the TV set.



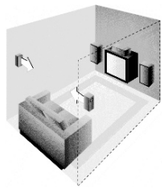
Connections and Setup

Better surround placement

Location
If possible, place surround speakers to either side of the listening area, not behind it.

Height
If space permits, install surround speakers 2-3 feet above viewers. This helps to minimize localization effects.

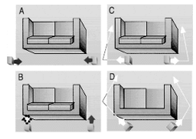
Aiming
Aim surround speakers straight across the room, not down at viewers, to help create a more open, spacious surround sound field.



Alternative Surround Placement

Rear wall
If rear wall mounting is the only choice, aim the speakers at each other (A), towards the front (B) or towards the sidewalls (C, D).
Experiment with placement until sounds seem to surround you, rather than come from behind you.

No adjacent walls
Surround speakers can go on stands facing each other to approximate sidewall mounting (A), or to the sides or rear of the viewing area, aimed upwards; they can go right on the floor, or preferably, a few feet off the floor such as on end tables (B).

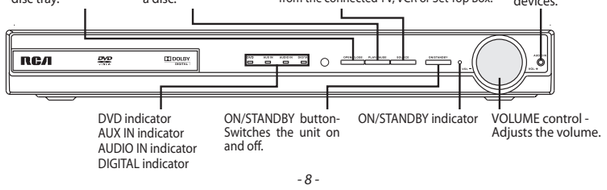


Test tone/Channel balance

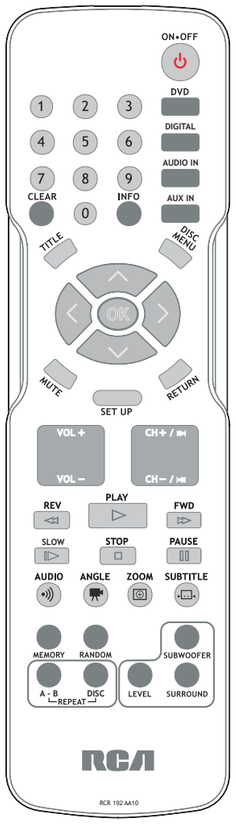
Channel balance
Your receiver is equipped with a test signal generator to help you balance the audio level for each channel. See Audio Setup under The Setup Menu section of Instruction Book for details on how to access this feature .
As the signal "travels" from channel to channel, use the VOL controls to adjust each channel to the same loudness level.

Level adjustment and surround channel level expectation
Even though you may adjust the surround channels to be as loud as the others on the test signal, you might find that surround channels seem quieter for actual TV and Movie content. This is because producers use surround for subtle atmospherics and ambience, and only rarely for special effects.

Overview of Controls - Front Panel Controls



Overview of Controls



ON•OFF: Turns on/off the unit.
DVD: Selects the DVD mode.
DIGITAL: Selects the Optical Digital input (for listening to audio input from connected TV, VCR or SetTop BOX).
AUDIO IN: Selects the Front Audio Input.
AUX IN: Selects the Auxiliary input (for listening to audio input from connected TV, VCR or Set-Top BOX).
0-9: Number entry.
CLEAR: Quits the current setting manually from the TV screen without saving change.
INFO: Accesses the display information.
TITLE: Accesses the title menu of DVD discs.
DISC MENU: Accesses the disc menu during playback.
OK: Confirms your selection.
∧/∨/</>: To navigate through the menus.
MUTE: Mutes and restores the sound.
SETUP: Enters Setup menu.
RETURN: Returns to the normal operation after using the setup menu.
VOL +/- : Adjusts the sound volume.
CH+/⏭, CH–/⏮ : Directly accesses the next or previous chapter (DVD) or track (CD).
REV: Starts reverse accelerated play.
PLAY: Starts playing a disc.
FWD: Starts forward accelerated play.
SLOW: Selects SLOW motion function.
STOP: Stops playback.
PAUSE: Freezes frame, accesses frame advance.
AUDIO: Accesses the audio function.
ANGLE: Accesses the camera angle function for DVD disc.
ZOOM: Accesses the Zoom function.
SUBTITLE: Selects the subtitle languages or turns subtitle off (if available).
MEMORY: Creates programs.
RANDOM: Turns on/off random playback on CDDA discs.
SUBWOOFER: Selects among subwoofer output levels (soft/balance/strong/powerful).
REPEAT A-B: Performs point-to-point repeat playback on a DVD or CD.
REPEAT DISC: Repeats chapter or title of a DVD. Repeats single track or whole CD.
LEVEL: Toggles speaker channels for different level settings. Adjust the value using VOL +/-.

Overview of Controls

SURROUND: Changes the Surround sound setting. Press the button to select between 5.1 Channel and Stereo modes.

Using remote control to navigate through the on-screen menus
Use ∧/∨/</> and OK on the remote control to navigate through the on-screen displays (the DVD player's menu, the Info Display that appears during playback, or a disc's menu).

Use ∧/∨/</> on the remote to move through on-screen menus in the direction of the arrow button (e.g., to move right, press >). The arrow buttons are used to highlight an option. Once highlighted, press OK to select the option that is highlighted.

Note
Insert 2 "AAA" batteries in the remote control prior to use.

Playing Discs - Basic Functions

Compatible discs

- DVD, DVD-R, DVD-RW, DVD+R, DVD+RW
- CD, CD-R, CD-RW

Compatible formats

- DVD, JPEG
- CD

Regional coding

Your unit has been designed to process regional management information stored on DVD discs. The regional code for your unit is 1. Discs that have a different regional code will not play.

Operating the DVD receiver

1. Turn on your television set.
2. Press ON•OFF on the remote control or ON/STANDBY located on the front panel of the unit. Press DVD on the remote control.

Loading disc

1. Press ⏏ on the front panel of the unit to open the disc tray.
2. Place a disc onto the disc tray with the label side up.
3. Press ⏏ again to close the disc tray.

Playback
Switch the unit and the TV set on.
1. After loading a disc, playback starts automatically, or the disc menu appears. If the disc menu appears, select the Play option to begin playback.
2. Press STOP to stop playback.

Accelerated play
While the disc is playing, press REV or FWD one or more times to vary the speed and direction of the accelerated play. Press PLAY to resume normal playback.

Pause
While the disc is playing, press PAUSE once for freeze frame. Press PLAY to resume normal playback.

Frame advance
1. Press PAUSE twice. "Step" is displayed.
2. Each time you press PAUSE button, the picture advances one frame.
3. Press PLAY to resume normal playback.

Basic Playback Operations

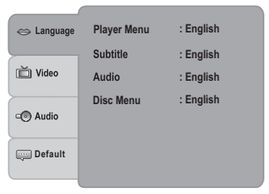
Variable slow motion
1. Press SLOW button on the remote in play mode.
2. Each time the SLOW button is pressed the speed of slow-motion playback changes in the following sequence:
 ▮▶1/2 ⟶ ▮▶1/4 ⟶ ▮▶1/6 ⟶ ▮▶1/8
3. Press PLAY to resume normal playback.

Changing chapter/track
While the disc is playing, press the CH+/- button to go immediately to the next or previous chapter, or to the next or previous track.

Zoom into an image
1. While a disc is playing, press ZOOM repeatedly to enlarge the image in 3 levels (Q1, Q2 and Q3).
2. Move from one area to another (pan) using the arrow buttons.
3. To turn ZOOM off, press the ZOOM repeatedly until the Q Off is displayed.

Random playback
While the audio CD is playing, press the **RANDOM** button on the remote control to activate/inactivate the random playback.
Random: All tracks will be played randomly.
Random Off: To resume normal playback.

Types of menus
- Disc menu — The appearance and contents of this menu varies according to the type of disc you have inserted. It is separate from the Setup menu.
- Setup menu — Press SETUP to access this menu.



Notes
- When you press STOP, the unit stores the point where playback was interrupted. If you press PLAY again, playback resumes from this point.
- To stop playback completely or to start again from the beginning, press STOP twice. If the unit is left in STOP mode for more than 5 minutes without any user interaction, a screen saver is activated. At the end of 30 minutes without any user interaction, the unit switches off automatically.

Display Info (information)

1. Press INFO on the remote while a disc is playing to display information on operation status. The first banner shows the elapsed time from the beginning of the title which is currently playing.
2. Press INFO again for Title and Chapter. Shows the number of the title/chapter currently playing and total titles/chapter on disc.
3. Press INFO a third time for Audio. Shows the type of the audio currently selected is displayed.
4. Press INFO a forth time for Subtitle. Shows the subtitle number and language currently selected is displayed.
5. Press INFO a fifth time for Angle. Shows the current angle is displayed.

DVD Info Display

Time	00:18:18
Title 1/21	Chapter 7/29
Audio	1/3 6 ch Eng
Subtitle	1/6 Eng
Angle	1/1

Basic Playback Operations

Repeating a specific title/chapter (DVD)
While the disc is playing, press the REPEAT DISC button on the remote control repeatedly to select Repeat Title or Repeat Chapter.
The current title / chapter is played repeatedly.

Resuming normal DVD playback
While the disc is playing, press the REPEAT DISC button until the Repeat Off indicator displays on the screen.

For the CD playback, please see **Playing CDs**.

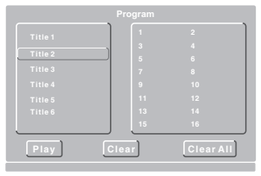
Repeating a specific section
You can play a specific section repeatedly.
1. While the disc is playing, press the REPEAT A-B button at the beginning of the section you want to play repeatedly ("Rep A-" is displayed).
2. Press the REPEAT A-B button again at the end of the section ("Rep A-B" is displayed).
3. The unit will immediately begin replaying your selection.

Resuming normal DVD playback
While the disc is playing, press the REPEAT A-B button until the RepAB Off indicator displays on the screen.

Notes
- A-B repeat can only be used within the same title. If the start and end of the section to be repeated are in different titles, A-B repeat is cancelled.
- The A-B repeat function does not operate in scenes where different camera angles are recorded.

DVD Programmable Memory

You can combine your favorite titles/chapters and play them in the order you determine.
1. Press the MEMORY button.
2. Use ^ or v button to select the title you want, then press the OK button on the remote control to confirm.
3. Use ^ or v button to select the chapter you want, then press the OK button on the remote control to confirm.
4. Use ^ button to move the cursor to the top of the chapter list and press the OK button to return to Title window. Then repeat steps 2 to 3 to add additional titles and chapters.
5. Press the ▶ PLAY button to start the programmed playback.



Changing the programmed selections
1. Press the MEMORY button.
2. Press › button to select "Clear", then press the OK button to clear them one by one.
3. Follow above steps 1-4 to program the new title and chapter.

Resuming normal playback
1. Press the MEMORY button.
2. Press › button to select "Clear All", then press the OK button. All the programs will be cleared.
3. Press the ▶ PLAY button to resume normal playback.

Notes
- Some discs may not permit memory playback operation.
- To exit the Program menu, press the MEMORY button.
- The programmed selections will be cleared when you open the disc tray or turn off the unit.

Playing CDs

Make sure that a disc you want to play is compatible with this unit.
1. Place a CD with the printed side facing up.
2. Press OPEN/CLOSE to close the disc tray.
 A list of folders/files will appear on the screen.
3. To stop playback, press STOP.

Play modes for CD

When playing CDs, you are able to modify the Play Modes through the Toolkit which appears on the right in the window. Press < /> button on the remote control to navigate between the left/right windows and ^ or v button on the remote control to select files/tracks or play mode items. Then press the OK button. Please refer to below steps to playback files/tracks in the Program view list:

1. Select Edit mode in the Toolkit then press OK button to start edit mode.
2. Select a file/track or more files/tracks you want in the original view list with the OK button.
3. Select Add to program in the Toolkit then press OK . "✓" will disappear from the screen. It means that the files/tracks you have selected already added into the program view list.
4. Select Program view in the Toolkit then press OK to open the files/tracks in the Program view list that you already selected in step 2.
5. Press PLAY to playback all files/tracks in the Program view list.

The Toolkit has the following play mode items:
- Repeat (Off/Single/All):
 Off: Resumes normal playback.
 Single: Repeats the current track/file.
 All: Repeats all files on the current folder or all tracks on the disc.
- Mode (Normal/Random/Music Intro):
 Normal: Resumes normal playback.
 Random: Playbacks track/file in random order.
 Music Intro: Only playback the first 10 seconds of all tracks on the disc.
- Edit mode: Program operation works only when "Edit mode" is selected.
- Program view: To view tracks/files in the "Program view" list. It is disabled when the "Program view" list is empty.
- Add to program: Add files/tracks to the "Program view" list. It is disabled if the "Edit mode" item is not selected.
- Browser view: To view files/tracks in the original view list.
- Clear program: Delete the files/tracks in the Program view list. Select a file/track or more you want to delete in full stop mode (press STOP twice). "✓" will appear besides the deleted file/track. Select Clear program and then press OK . It is disabled if the Edit mode is not selected.

Note
The program will be deleted if disc tray is opened.

Playing Jpeg Files

Jpeg files are image files. Make sure that they have a resolution of less than 2 megapixels.
1. Press the OPEN/CLOSE button to open the disc tray.
2. Place a disc that contains JPEG files and close the disc tray.
 A list of folders/files will appear on the screen. Press ^ or v button to select your desired file, and then press OK or PLAY button to start playback.
 Press the STOP button to display a folder list.

Magnifying image
Press ZOOM repeatedly to enlarge the image in 3 levels (Q1, Q2 and Q3).
- Press ^/v/</> buttons to view a different part of the image. You may move the image from the center position to UP, DOWN, LEFT and RIGHT direction. When you reach the edge of the image, the display will not shift anymore in that direction.
- Resuming normal playback
 To turn ZOOM off, press the ZOOM repeatedly until the QOff is displayed.

Rotate an image
Press the ANGLE button repeatedly. The image will rotate in the clockwise direction as follows:

Notes
- The time taken for the contents of the disc to be displayed varies according to the size and number of jpeg files on the disc. If nothing is displayed after a few minutes, the file sizes may be too large. Reduce the files' resolution and write another disc.
- Before inserting a disc, make sure it is compatible with the unit.

AUDIO IN/DIGITAL IN/AUX IN

TV, VCR or Set Top Box can be connected to AUX IN/OPTICAL DIGITAL IN jacks at the back of the unit or AUDIO IN at the front panel so that sound from the auxiliary component comes into the unit and out through the speakers.

Connecting auxiliary components

Refer to "Getting sound from external sources such as TV" for details on connecting the auxiliary components to the unit.

Selecting AUDIO IN / DIGITAL IN / AUX IN mode

Press either SOURCE on the main unit or AUDIO IN / DIGITAL / AUX IN on the remote control to select AUDIO IN, DIGITAL IN or AUX IN mode.

Sound output in AUX IN mode (or AUDIO IN/DIGITAL IN mode)

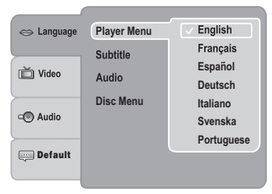
- You may change the surround setting by pressing SURROUND to select between 5.1 CHANNEL and STEREO modes – the receiver will display your selection on your TV screen.
- If the AUX IN (or AUDIO IN/DIGITAL IN) audio signal is mono, you may not receive audio on all speakers.

The Setup Menu

To access the Setup Menu you must first be in DVD Mode.
There are four options in the main setup menu: Language Setup, Video Setup, Audio Setup and Default.

LANGUAGE SETUP

With this menu, you can set the language for Player Menu, Subtitle, Audio and Disc Menu.
If you chose "English" during initial set-up, any menus generated by the disc are in English, and so is the language of the dialogs (if this language is available on the disc).

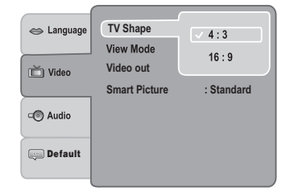


1. Press the SETUP button.
2. Press › button, then press ^ or v to select desired option (Player Menu, Subtitle, Audio or Disc Menu).
3. Press › button, then press ^ or v button to select a preferred language, press the OK button.
4. Repeat steps 2 and 3 above to adjust other options.
5. Press the SETUP button to exit menu.

Notes
- If the selected language is not available on a disc, the disc's language will be used instead.
- If the language chosen is available, it is automatically selected when you display the subtitles or press SUBTITLE on the remote control. Otherwise, the subtitle language indicated on the disc is selected.

VIDEO SETUP

It allows you to set video mode for the TV Shape, View Mode, Video out and Smart Picture.



1. Press the SETUP button.
2. Press ^ or v to select **Video**.
3. Press › button, then press ^ or v to select desired option (TV Shape, View Mode, Video out and Smart Picture).
4. Press › button, then press ^ or v button to make adjustments, press the OK button.
5. Repeat steps 2 and 3 above to adjust other options.
6. Press the SETUP button to exit menu.

TV Shape
Depending on the format of the DVDs, you can choose the picture format (aspect ratio) best suited to the format of your TV screen:
4:3 : Select when a standard 4:3 TV is connected. Displays pictures cropped to fill your TV screen.
16:9 : Select when a 16:9 TV is connected.

Notes
- The displayable picture size is preset on the DVD. Therefore, the playback picture of some DVDs may not conform to the picture size you select.
- When you play DVDs recorded in the 4:3 picture size only, the playback picture always appears in the 4:3 picture size regardless of the TV Shape setting.
- Select 16:9 to conform the LCD screen on the unit. Always be sure that your TV Shape conforms to the actual TV in use if you connect the unit to a TV.

The Setup Menu

Video Mode
Fill: Fill the screen with decoded image.
Original: Display image as it's original size.
Auto Fit: Automatically fit the decoded image on screen without distortion. Black bars will be present on top/bottom or left/right of screen.
Pan Scan: Select when a standard 4:3 TV is connected. Displays pictures cropped to fill your TV screen. Sides of the picture are cut off.

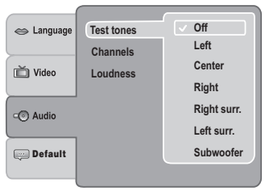
Note
Depending on the DVDs, you may not be able to view the mode as selected.

Video out
Interlaced: Corresponding to your TV which has a component video inputs.
P-Scan: Select if you connect the DVD to your TV which has a component video that support progressive scan.
If there is a distorted picture on the TV, wait 15 seconds for automatic recover.

Smart Picture
Standard: Picture is set to normal brightness.
Bright: Picture is brighter.
Soft: Softer image effect.
Dynamic: It includes 4 items (Brightness, Contrast, Tint and Color). Use › or ‹ button to make adjustments.

AUDIO SETUP

You can adapt your unit to other equipment and access specific functions with the Audio Setup menu.



1. Press the SETUP button.
2. Press ^ or v to select **Audio**.
3. Press › button, then press ^ or v to select desired option (Test tones, Channels and Loudness).
4. Press › button, then press ^ or v button to make adjustments, press the OK button.
5. Repeat steps 2 and 3 above to adjust other options.
6. Press the SETUP button to exit menu.

Test Tones
Enables you to test and adjust Speaker levels.
Select the Speaker (Left, Center, Right, Right surr., Left surr. or Subwoofer) you wish to test. A tone will be output to that Speaker. User can then adjust the Speaker level by pressing VOL+/-. Press the OK button to select a different Speaker, or press SETUP button to exit.

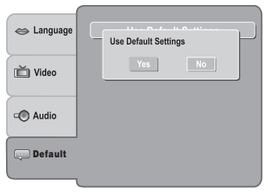
Channels
It allows you to select the speaker output mode (Stereo or 5.1 Channel).

Loudness
This enhances the sound level of the Left, Right, and Subwoofer channels during quieter sections of audio content, while leaving the sound level unchanged for louder sections.

The Setup Menu

DEFAULT

This option allows you to return the unit's settings to the original factory settings. Any changes you have made to the unit's settings will be reverted back to the original settings.



Additional Information

Troubleshooting

The unit does not switch on.
- Make sure it is plugged in.
- Press the ON-OFF button on the remote control or the ON/STANDBY button on the unit.

The device switches off spontaneously.
- The device switches off automatically when it is in STOP mode for more than 30 minutes without any user intervention. Switch it on again.
- It might be impossible to read the disc.
- Insert the disc with the printed side facing up.
- Check that the disc can actually be played by this device.
- Check that the disc's regional code matches the unit's regional code. This unit's regional code is 1.
- Clean the disc.

There is no picture.
- Check you have switched on the TV set.
- Check the connections.
- Select the AV input assigned to the unit on the TV.

The picture is of poor quality (with snow or lines).
- Check the connections.

There is no sound or the sound is of poor quality.
- Check the connections.
- Make sure the speakers are connected.
- Make sure the MUTE function is not on.

No surround sound.
- Check the speaker configuration in the Setup menu (See Positioning speaker or Audio Setup).

Additional Information

I can't find my file in the jpeg listing.
- Make sure the file name is valid.

The remote control does not work or works only intermittently.
- Check that batteries are inserted or change them.
- Aim the remote control at the unit. The infrared beam must not be blocked or interrupted.
- Check that the remote control is configured to control the device you are trying to operate with it.

The subtitles do not appear.
- Check that the DVD disc provides subtitles.
- Refer to the section on how to display subtitles.

The disc menu language is not the correct one.
- The disc menu language has not been set up.
- The language of your choice is not available on the disc .

Precautions

Use
- If your unit has been stored in a cool place for any length of time, during a journey for example, wait for about 2 hours before using it.
- The openings located on the top and bottom are for ventilation and must not be obstructed.
- During thunderstorms, we recommend that you isolate the unit from the electrical supply so that it is not damaged by electrical or electromagnetic surges.
- This unit is designed for continuous use. Switching off the unit to standby mode does not disconnect it from the mains supply. To completely isolate the equipment, remove the plug from the mains jack as some components remain connected to the electrical supply.
- If you notice any burning or smoke, disconnect the unit immediately to avoid any risk of electrocution.
- Do not attempt to look inside the unit through the disk tray opening or any other opening. You may be electrocuted or exposed to laser radiation.
- This unit is for domestic use only and must not be used for industrial purposes.
- Total or partial copying of recordings protected by copyright legislation, without the explicit permission of the holder of the rights, contravenes current legislation. Copying or downloading music files for sale or any other business purpose constitutes or could constitute a violation of copyright law.

Cleaning
- Use a soft, dry, clean cloth. Regularly dust the vents at the back or sides.
- Using solvents, abrasive or alcohol-based products risks damaging the unit.
- If an object or liquid enters inside the unit, unplug it immediately and have it checked by an authorized servicer or service center.

Handling and caring for discs
- Handle your discs with care. Hold the disc with your fingers at the edges or through the hole.
- Insert the disc with the label facing up (for a single-sided disc).
- Place the disc properly into the tray in the allotted holder.
- Use a soft cloth to clean discs if necessary, always wiping from the centre to the edge.
- Always put discs back in their cases after use and store in a vertical position.
- Do not close the tray with two discs in it or with a disc not sitting correctly in the holder.
- Do not play cracked, chipped or warped discs nor try to repair them with adhesive tape or glue.
- Do not write on a disc.
- Do not move the unit when a disc is being played.
- Do not scratch discs or store them in places exposed to direct sunlight, high humidity or high temperatures.
- Do not use aerosol cleaners, benzene, anti-static liquids or any other solvent for cleaning discs. When cleaning, wipe gently with a soft damp (water only) cloth from the centre to the edge, avoiding circular motions, which could cause scratches and interference during playback.

Additional Information

Compatible Formats

In order to ensure playback, discs must conform with DVD or CD standards. This unit may not play some recordings or files due to differences in recording formats, software used and disc types.

DVD-Video
Digital video discs - 12 cm, single or double sided, single or dual layer. DVDs are high density optical discs on which high quality picture and audio are recorded by means of digital signals.

DVD-R, DVD-RW, DVD+R, DVD+RW
Most DVD-R and DVD+R (one recording only), DVD-RW and DVD+RW discs (rewritable), depending on the DVD writer and discs used. Recordings using DVD-R and DVD-RW discs must be made in Video DVD mode. Recordings using DVD+RW discs must be made in accordance with the specifications for DVD+RW discs with a 4.7 GB capacity.

Audio CDs
Audio CDs (12 cm).

CD-R, CD-RW
Most CD-R (one recording only) and CD-RW discs (rewritable).

CD-Rs written during a multisession recording can be played, provided that the session has ended before the disc is played (depending on the write software).

However, depending on the condition of the CD-writer, computer and the disc used, you may find that not all discs will play. When playing a CD-R disc, it is normal for the unit to take up to 60 seconds to recognize the disc before starting to play.
If the disc is not recognized after a period of 120 seconds, remove the disc, and insert it again.

- Do not use its full capacity.
- CD-Rs should be preferably used instead of CD-RWs (rewritable CDs) as, in certain cases, CD-RW playback may be faulty.
- Use reliable, good-quality CD write software.
- Close all other applications on the computer to ensure reliable CD-R disc recording.

Jpeg files
CD-R and CD-RW with jpeg files. Certain jpeg files, in cluding progressive jpeg files, cannot be read by this unit.
The total number of files and folders on the disc should be less than 650. Make sure that files have the ".jpg" extension. Files without the ".jpg" extension will not be able to be read by the unit
--- even thought the files are shown as jpeg images on your computer.

Additional Information

Sound Enhancement Systems

This receiver is equipped with several built-in sound enhancement systems.

Manufactured under license from Dolby Laboratories. "Dolby", "Pro Logic", and the double-D symbol are trademarks of Dolby Laboratories.

Dolby Pro Logic
The Pro Logic mode uses the built-in circuit to steer the Left, Center, Right and Mono Surround channel audio signals and uses all five speakers to play both stereo and Dolby Pro Logic program source, such as TV and VCR.

You can use this mode with any stereo program source (such as VCR/TV) to enjoy multi-channel sound experience.

Dolby Digital
The Dolby Digital mode lets you enjoy full digital surround from software processed in the Dolby Digital format. Dolby Digital provides better sound quality and a more powerful presence than conventional Dolby Surround. This unit is equipped with Dolby Digital 5.1-channel so that you can enjoy enhanced full digital surround sound. The new system provides stereo separation of the rear speakers (Rear-Right, Rear-Left). Adding the subwoofer channel to the 5 channels for bass sounds (counted as 0.1 channel) results in 5.1 channels that bring you the most sophisticated Dolby Digital sound enjoyment.

Specifications:

Dimensions (H x W x D mm) :
Unit: 55 x 430 x 255
Front Speakers: 105 x 85 x 85
Center Speaker: 105 x 85 x 85
Rear Speakers: 105 x 85 x 85
Subwoofer: 285 x 130 x 245

Limited Warranty

AVC MULTIMEDIA ("AVC") makes the following limited warranty. These limited warranties extend to the original consumer purchaser and is limited to non-commercial user of the product.

One Year Parts & Labor Warranty
AVC products purchased in the United States are warranted to be free from defects in materials or workmanship for a period of one year from the date of their original retail purchase. If the unit fails to conform to this warranty, we will service the product using new or refurbished parts and products, at **AVC**'s sole discretion.

During a period of one year from the effective warranty date, **AVC** will provide, when needed, service labor to repair a manufacturing defect at its designated Service Center. To obtain warranty service in the United States, you must first call our **Customer Support Center at 1-800-506-5746 or 1-877-252-6873, during the hours listed in the box below.** The determination of service will be made by AVC customer support.
PLEASE DO NOT RETURN YOUR UNIT TO AVC WITHOUT PRIOR AUTHORIZATION. New or remanufactured replacements for defective parts or products will be used for repairs by **AVC** at its designated Service Center for one year from the defective warranty date. Such replacement parts or products are warranted for an additional one year from the date of repair or replacement. The Customer will be required to ship the unit to the Service Center indicated at the time Customer Support is contacted to make the necessary repairs. The customer is responsible for all transportation charges to the service facility.

Packaging and Shipping Instruction
When you send the product to the **AVC** service facility you must use the original carton box and packing material or an equivalent as designated by **AVC**.

Your Responsibility
(1) You must retain your bill of sale to provide proof of purchase.
(2) These warranties are effective only if the product is purchased and operated in the U.S.A. or Canada.
(3) Warranties extend only to defects in material or workmanship, and do not extend to any product or parts which have been lost or discarded, or damage to product or parts caused by misuse, accident, improper operation or maintenance, or use in violation of instructions provided with the product, or to product which has been altered or modified without authorization of **AVC**, or to products or parts thereof which have had the serial number removed or changed.

Out of Warranty

In the event your product requires repair after the limited warranty period has expired, please contact our Customer Support Center at **1-800-506-5746, 1-877-252-6873** or
www.rcaav.com
Hours: Monday-Thursday: 9am-7pm, Friday: 9am-5pm, Saturday: 9am-NOON Eastern time.

Important:
You are responsible for any transportation, shipping or insurance relative to the return of the product to our Product Returns Center.

Limited Warranty

All warranties implied by state law, including the implied warranties of merchantability and fitness for a particular purpose, are expressly limited to the duration of the limited warranties set forth above. With the exception of any warranties implied by state law as hereby limited, the foregoing warranty is exclusive and in lieu of all other warranties, guarantees, agreements and similar obligations of manufacturer or seller with respect to the repair or replacement of any parts. In no event shall **AVC** be liable for consequential or incidental damages.

No person, agent, distributor, dealer or company is authorized to change, modify or extend the terms of these warranties in any manner whatsoever. The time within action must be commenced to enforce any obligation of **AVC** arising under the warranty or under any statute, or law of the United States or any state thereof, is hereby limited to one year from the date of purchase. This limitation does not apply to implied warranties arising under state law.

This warranty gives you specific legal rights and you may also have other rights, which may vary from state to state. Some states do not allow limitation on how long an implied warranty lasts, when an action may be brought, or the exclusion or limitation of incidental or consequential damages, so the above provisions may not apply to you.

For more information on other products and services, please contact our web site at **www.rcaav.com**

Important: Also keep your "Bill of Sale" as proof of purchase.

Model no. Product name
Type of set
Serial no. Invoice no.
Date purchased Dealer name

FOR SERVICE AND REPAIR, PLEASE VISIT **www. rcaav.com**

Specifications and external appearance are subject to change without notice.

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